

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| L1 | 2 | "313"/\$.ccls. AND "fluorescent" AND (yttrium with oxysulfide) AND (terbium with trivalent) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/19 09:04 |
| L2 | 2 | "313"/\$.ccls. AND (fluoresc\$4) AND (yttrium with oxysulfide) AND (terbium with trivalent) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/19 09:04 |
| L3 | 3 | "313"/\$.ccls. AND (fluoresc\$4) AND (yttrium same oxysulfide) AND (terbium with trivalent) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/19 09:07 |
| L4 | 4 | "313"/\$.ccls. AND (fluoresc\$4 phosphor phosphorescen\$4) AND (yttrium same oxysulfide) AND (terbium with trivalent) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/19 09:06 |
| L5 | 0 | "313"/\$.ccls. AND (fluoresc\$4 phosphor phosphorescen\$4) AND (Y same oxysulfide) AND (terbium with trivalent) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/19 09:06 |
| L6 | 4 | "313"/\$.ccls. AND (fluoresc\$4) AND (yttrium and (europium EU) AND oxysulfide) AND (terbium with trivalent) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/19 09:23 |
| L7 | 32 | (fluoresc\$4) AND (yttrium and (europium EU) AND oxysulfide) AND (terbium with trivalent) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/19 09:08 |
| L9 | 3 | "313"/\$.ccls. AND (fluoresc\$4) AND (yttrium same (europium EU) same oxysulfide) AND (terbium with trivalent) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/19 09:34 |

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| L10 | 1 | "313"/\$.ccls. AND lamp AND nonlinear AND TB same trivalent | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/19 09:35 |
| L11 | 0 | ("2005/0156496").URPN. | USPAT | OR | ON | 2005/10/19 09:34 |
| L12 | 1 | "313"/\$.ccls. AND nonlinear AND TB same trivalent | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/19 10:02 |
| L13 | 27 | "313"/\$.ccls. AND lamp AND (TB same trivalent) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/19 09:35 |
| L14 | 8 | "313"/\$.ccls. AND (TB same trivalent same (percent %)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/19 09:39 |
| L15 | 2 | (TB with trivalent) same ((mol mole) with (percent %)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/19 09:44 |
| L17 | 25 | ((TB terbium) with trivalent) same ((mol mole) with (percent %)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/19 09:44 |
| L18 | 78 | "313"/\$.ccls. AND lamp AND nonlinear AND fluorescent | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/19 10:07 |
| S1 | 0 | (Si near ⁵ O _{sub?2} near ⁵ B _{sub?2} near ⁵ O _{sub?3} near ⁵ Zn near ⁵ O near ⁵ Al _{sub?2} near ⁵ O _{sub?3} near ⁵ Mg) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/17 09:50 |

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|-----|-----|--|---|----|----|------------------|
| S2 | 0 | (Si near10 O?sub?2 near5 B?sub?2 near10 O?sub?3 near10 Zn near10 Al?sub?2 near10 Mg) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/13 13:53 |
| S3 | 0 | (Si with O?sub?2 with B?sub?2 with O?sub?3 with Zn with Al?sub?2 with Mg) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/13 13:55 |
| S4 | 1 | (Si same O?sub?2 same B?sub?2 same O?sub?3 same Zn same Al?sub?2 same Mg) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/13 13:57 |
| S5 | 204 | Si AND O?sub?2 AND B?sub?2 AND O?sub?3 AND Zn AND Al?sub?2 AND Mg | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/17 10:28 |
| S6 | 204 | Si AND O?sub?2 AND B?sub?2 AND O?sub?3 AND Zn AND Al?sub?2 AND Mg | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/17 10:39 |
| S12 | 0 | (boron\$3oxide with silicon\$3dioxide with (zn or zinc?oxide) with ((Al?sub?2 near3 O?sub?3) aluminum\$3oxide)) NOT S6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/14 10:29 |
| S13 | 0 | (boron\$3oxide same silicon\$3dioxide same (zn or zinc?oxide) same ((Al?sub?2 near5 O?sub?3) aluminum\$3oxide)) NOT S6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/14 11:01 |
| S17 | 0 | (boro?silicate with alumin\$4silicate with (zn or zinc?oxide) with (mg magnesium)) NOT S6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/14 11:07 |

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|-----|----|---|---|----|----|------------------|
| S18 | 0 | (boro?silicate same alumin\$4silicate same (zn or zinc?oxide) same (mg magnesium)) NOT S6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/14 11:07 |
| S19 | 8 | ("5196381").URPN. | USPAT | OR | ON | 2005/10/14 13:47 |
| S20 | 2 | ("5665660").URPN. | USPAT | OR | ON | 2005/10/14 13:48 |
| S21 | 11 | ("5898720").URPN. | USPAT | OR | ON | 2005/10/14 13:50 |
| S22 | 2 | ("5961883").URPN. | USPAT | OR | ON | 2005/10/14 13:54 |
| S23 | 5 | ("4102805" "4751148" "4814105" "5039631" "5108959").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/14 13:54 |
| S24 | 14 | ("6002202").URPN. | USPAT | OR | ON | 2005/10/14 13:55 |
| S25 | 16 | ("20020160520" "3597046" "4468282" "4784721" "5005058" "5074629" "5285131" "5358746" "5493177" "5578517" "5668376" "5728089" "5801057" "5870482" "5925479" "6002202").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/14 13:55 |
| S26 | 9 | ("6010644").URPN. | USPAT | OR | ON | 2005/10/14 13:56 |
| S27 | 19 | ("20030124383" "3294699" "3676361" "4110660" "4249108" "4495085" "4623816" "4733126" "5350971" "5358734" "5376303" "5424006" "6010644" "6093346" "6099754" "6117362" "6267911" "6617781").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/14 13:56 |
| S28 | 1 | 10/798921 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/17 09:50 |

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|-----|----|---|---|----|----|------------------|
| S29 | 25 | ("SiO ₂ " "Si O ₂ " (Si near2 O ₂) "silicon?dioxide") AND ("B ₂ O ₃ " "B ₂ O ₃ " (B ₂ near2 O ₃) "boric?oxide" "boric?acid") AND ("Al ₂ O ₃ " "Al ₂ O ₃ " (Al ₂ near2 O ₃) "alumina?oxide" "aluminum?oxide") AND ("MgO" "Mg O" (Mg near2 O) "magnesium?oxide") AND (("CaO" "Ca O" "calcium?oxide") OR ("SrO" "Sr O" "strontium?oxide") OR ("BaO" "Ba O" "barium?oxide")) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/17 16:34 |
| S30 | 25 | ("SiO ₂ " "Si O ₂ " (Si near2 O ₂) "silicon?dioxide") AND ("B ₂ O ₃ " "B ₂ O ₃ " (B ₂ near2 O ₃) "boric?oxide" "boric?acid") AND ("Al ₂ O ₃ " "Al ₂ O ₃ " (Al ₂ near2 O ₃) "alumina?oxide" "aluminum?oxide") AND ("MgO" "Mg O" (Mg near2 O) "magnesium?oxide") AND (("CaO" "Ca O" "calcium?oxide") OR ("SrO" "Sr O" "strontium?oxide") OR ("BaO" "Ba O" "barium?oxide")) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/17 16:35 |
| S31 | 0 | ("SiO ₂ " "Si O ₂ " (Si near2 O ₂) "silicon?dioxide") AND ("B ₂ O ₃ " "B ₂ O ₃ " (B ₂ near2 O ₃) "boric?oxide" "boric?acid") AND ("Al ₂ O ₃ " "Al ₂ O ₃ " (Al ₂ near2 O ₃) "alumina?oxide" "aluminum?oxide") AND ("MgO" "Mg O" (Mg near2 O) "magnesium?oxide") AND ("ZnO" "Zn O" "zinc?oxide") AND (("CaO" "Ca O" "calcium?oxide") OR ("SrO" "Sr O" "strontium?oxide") OR ("BaO" "Ba O" "barium?oxide")) NOT S30 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/17 16:35 |

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|-----|---|---|--|----|----|------------------|
| S32 | 1 | ("313"/\$.ccls. 252/301.4F,301.4S. ccls. 501/32.ccls.) AND ("SiOsub?2?" "Si Osub?2?" (Si near2 O?sub?2) "silicon?dioxide") AND ("Al?sub?2O?sub?3" "Al?sub?2O?sub?3" (Al?sub?2 near2 O?sub?3) "alumina?oxide" "aluminum?oxide") AND ("MgO" "Mg O" (Mg near2 O) "magnesium?oxide") AND ("ZnO" "Zn O" "zinc?oxide") AND (("CaO" "Ca O" "calcium?oxide") OR ("SrO" "Sr O" "strontium?oxide") OR ("BaO" "Ba O" "barium?oxide")) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/17 16:41 |
| S33 | 1 | ("313"/\$.ccls. 252/301.4F,301.4S. ccls. 501/32.ccls.) AND ("SiOsub?2?" "Si Osub?2?" (Si near2 O?sub?2) "silicon?dioxide") AND ("B?sub?2O?sub?3" "B?sub?2O?sub?3" (B?sub?2 near2 O?sub?3) "boric?oxide" "boric?acid") AND ("MgO" "Mg O" (Mg near2 O) "magnesium?oxide") AND ("ZnO" "Zn O" "zinc?oxide") AND (("CaO" "Ca O" "calcium?oxide") OR ("SrO" "Sr O" "strontium?oxide") OR ("BaO" "Ba O" "barium?oxide")) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/17 16:41 |
| S34 | 1 | ("313"/\$.ccls. 252/301.4F,301.4S. ccls. 501/32.ccls.) AND ("SiOsub?2?" "Si Osub?2?" (Si near2 O?sub?2) "silicon?dioxide") AND ("B?sub?2O?sub?3" "B?sub?2O?sub?3" (B?sub?2 near2 O?sub?3) "boric?oxide" "boric?acid") AND ("Al?sub?2O?sub?3" "Al?sub?2O?sub?3" (Al?sub?2 near2 O?sub?3) "alumina?oxide" "aluminum?oxide") AND ("ZnO" "Zn O" "zinc?oxide") AND (("CaO" "Ca O" "calcium?oxide") OR ("SrO" "Sr O" "strontium?oxide") OR ("BaO" "Ba O" "barium?oxide")) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/18 10:43 |

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|-----|-----|---|--|----|----|------------------|
| S35 | 1 | ("313"/\$.ccls. 252/301.4F,301.4S. ccls. 501/32.ccls.) AND ("SiOsub?2?" "Si Osub?2?" (Si near2 O?sub?2) "silicon?dioxide") AND ("B?sub?2O?sub?3" "B?sub?2 O?sub?3" (B?sub?2 near2 O?sub?3) "boric?oxide" "boric?acid") AND ("Al?sub?2O?sub?3" "Al?sub?2 O?sub?3" (Al?sub?2 near2 O?sub?3) "alumina?oxide" "aluminum?oxide") AND ("MgO" "Mg O" (Mg near2 O) "magnesium?oxide") AND (("CaO" "Ca O" "calcium?oxide") OR ("SrO" "Sr O" "strontium?oxide") OR ("BaO" "Ba O" "barium?oxide")) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/17 16:41 |
| S36 | 426 | ("313"/\$.ccls. 252/301.4F,301.4S. ccls. 501/32,75,78.ccls.) AND (glass ceramic) AND ("Sio.sub.?" "Si O.sub.?" silica ((Si silicon) with (oxide dioxide "O.sub.2"))) AND ("B.sub.? O.sub.?" ("B.sub.2" boron boric) with (acid \$3oxide "O.sub.3"))) AND ("ZnO" "Zn O" ((Zn zinc) with (oxide O))) AND ("Al.sub.? O.sub.?" ("Al.sub.2" alumin\$3) with ("O.sub.3" \$3oxide))) AND ("MgO" "Mg O" ((Mg Magnesium magnes\$3) with (oxide O))) AND (("CaO" "Ca O" ((Ca calcium) with (O oxide))) OR ("SrO" "Sr O" ((Sr strontium) with (O oxide))) OR ("BaO" "Ba O" ((Ba barium) with (O oxide)))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/18 10:50 |
| S37 | 78 | ("313"/\$.ccls. 252/301.4F,301.4S. ccls. 501/32,75,78.ccls.) AND (glass ceramic) AND ("Sio.sub.?" "Si O.sub.?" silica ((Si silicon) with (oxide dioxide "O.sub.2"))) SAME ("B.sub.? O.sub.?" ("B.sub.2" boron boric) with (acid \$3oxide "O.sub.3"))) SAME ("ZnO" "Zn O" ((Zn zinc) with (oxide O))) SAME ("Al.sub.? O.sub.?" ("Al.sub.2" alumin\$3) with ("O.sub.3" \$3oxide))) SAME ("MgO" "Mg O" ((Mg Magnesium magnes\$3) with (oxide O))) SAME (("CaO" "Ca O" ((Ca calcium) with (O oxide))) OR ("SrO" "Sr O" ((Sr strontium) with (O oxide))) OR ("BaO" "Ba O" ((Ba barium) with (O oxide)))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/18 15:15 |
| S38 | 4 | ("3811901").URPN. | USPAT | OR | ON | 2005/10/18 14:00 |

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|-----|---|--|---|----|----|------------------|
| S39 | 0 | "313"/\$.ccls. AND "fluorescent lamp" AND "yttrium with oxysulfide" AND (terbium with trivalent) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/18 15:24 |
| S40 | 2 | "313"/\$.ccls. AND "fluorescent lamp" AND (yttrium with oxysulfide) AND (terbium with trivalent) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/19 09:01 |
| S41 | 1 | 10/798921 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/18 15:56 |